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TRANSMITTAL FORM

to be used for all correspondence after initial filing)

Total Number of Pages in This Submission
(excluding references)

18

Application Number

09/918,365

Filing Date

July 30, 2001

First Named Inventor

Eugene T. Michal

Group Art Unit

1762

Examiner Name

Unassigned

Attorney Docket No.

50623.379

ENCLOSURES (check all that apply)

☒ Deposit Account Authorization
07-1850

☒ Postage Paid Return Postcard

☐ Response to Office Action

☐ After Final

☐ Affidavits/declaration(s)

☐ Petition for Extension of Time (___
month) (in duplicate)

☐ Amendment Transmittal Letter (in
duplicate)

☒ Information Disclosure Statement (2
pages -- in duplicate) with Form
PTO-1449 citing 342 References
(12 pages)

☐ Request for Continued Examination
(RCE) Transmittal

☐ Express Mail Label No.

☐ Response to Missing
Parts under 37 CFR
1.52 or 1.53

☐ Assignment Papers
(for an Application)

☐ Formal Drawing(s)

☐ Licensing-related Papers

☐ Petition

☐ Petition to Convert to a
Provisional Application

☐ Power of Attorney, Revocation
Change of Correspondence Address

☐ Terminal Disclaimer

☐ Request for Refund

☐ CD, Number of CD(s) _____

☐ After Allowance Communication to
Group

☐ Appeal Communication to Board of
Appeals and Interferences

☐ Appeal Communication to Group
(Appeal Notice, Brief, Reply Brief)

☐ Proprietary Information

☐ Submission of Formal Drawings (in
duplicate)

☒ Other Enclosure(s)
(please identify below):

342 References

Remarks

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm
or
Individual name

Squire, Sanders & Dempsey L.L.P.
Zhaoyang Li, Ph.D., Reg. No. 46,872

Signature

Date

September 22, 2005

CERTIFICATE OF MAILING

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FEE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 180.00

Complete if Known

Application Number 09/918,365
Filing Date July 30, 2001
First Named Inventor Eugene T. Michal
Examiner Name Jennifer K. Michener
Art Unit 1762
Attorney Docket No. 50623.379

METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account:

Deposit
Account
Number

07-1850

Deposit
Account
Name

Squire, Sanders & Dempsey L.L.P.

The Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments
☒ Charge any additional fee(s) during the pendency of this application
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FEE CALCULATION

1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	770	2001	385	Utility filing fee	
1002	330	2002	165	Design filing fee	
1003	520	2003	260	Plant filing fee	
1004	750	2004	375	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	

SUBTOTAL (1)

(\$)

2. EXTRA CLAIM FEES

Total Claims		Extra Claims		Fee from below		=	Fee Paid	
Independent Claims						=		
Multiple Dependent	0	X	0			=		

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1202	18	2202	9	Claims in excess of 20	
1201	84	2201	42	Independent claims in excess of 3.	
1203	280	2203	140	Multiple dependent claim, if not paid	
1204	84	2204	42	** Reissue independent claims over original patent	
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent	

SUBTOTAL (2)

(\$).00

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet.	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	420	2252	205	Extension for reply within second month	
1253	950	2253	465	Extension for reply within third month	
1254	1,480	2254	725	Extension for reply within fourth month	
1255	2,010	2255	985	Extension for reply within fifth month	
1401	330	2401	160	Notice of Appeal	
1402	330	2402	160	Filing a brief in support of an appeal	
1403	290	2403	140	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,300	2453	650	Petition to revive - unintentional	
1501	1,330	2501	650	Utility issue fee (or reissue)	
1502	470	2502	235	Design issue fee	
1503	630	2503	315	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17 (q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	180
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	750	2809	375	Filing a submission after final rejection (37 CFR § 1.129(a))	
1810	750	2810	375	For each additional invention to be examined (37 CFR § 1.129(b))	
1801	770	2801	385	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

(\$180.00)

SUBMITTED BY

Complete (if applicable)

Name (Print/Type) Zhaoyang Li, Ph.D. Registration No. Attorney/Agent 46,872 Telephone (415) 954-0200
Signature Date September 22, 2005

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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SANFRANCISCO/160382.1



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Examiner: Jennifer K. Michener

Michal et al.

Serial No. 09/918,365

Art Unit: 1762

Filed: July 30, 2001

Title: COVALENTLY IMMOBILIZED HEPARIN INTO AND ONTO
FUNCTIONALIZED POLYURETHANE

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT
PURSUANT TO 37 C.F.R. §§1.97-1.98**

Dear Examiner:

In accordance with the duty of disclosure under 37 C.F.R. §1.56 and pursuant to 37 C.F.R. §§1.97-1.98, Applicants hereby notify the U.S. Patent and Trademark Office of the references listed on the attached Form PTO-1449. Copies of the cited U.S. patents, U.S. Patent Application Publications, non published U.S. applications, cited foreign patent documents and non-patent literature have been submitted herewith.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicants reserve the right to dispute the listed documents as prior art during examination. Furthermore, Applicants do not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application. The submission of this Information Disclosure Statement is not to be construed as a representation that a search has been made or that no other material information may exist.

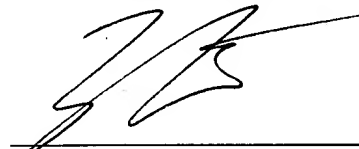
The Examiner is requested to initial the enclosed Form PTO-1449 and return a copy thereof to the undersigned.

The present Information Disclosure Statement is being submitted after receiving the first office action but before an action closing prosecution on the merits. Accordingly, please charge Deposit Account No. 07-1850 in the amount of \$180.00 as specified in 37 CFR §1.97(c) and 37 CFR §1.17(p). The Commissioner is authorized to charge any deficiencies or other amounts due to Deposit Account No. 07-1850.

Date: September 22, 2005

SQUIRE, SANDERS & DEMPSEY L.L.P.
One Maritime Plaza, Suite 300
San Francisco, CA 94111
Telephone (415) 954-0200
Facsimile (415) 393-9887

Respectfully submitted,

A handwritten signature in black ink, appearing to be 'Zhaoyang Li', written over a horizontal line.

Zhaoyang Li, Ph.D.
Attorney for Applicants
Reg. No. 46,872

FORM PTO-1449 (Modified)

US DEPARTMENT OF COMMERCE

Docket No.

50623.379

Application No.

09/918,365

US Patent and Trademark Office

**INFORMATION DISCLOSURE CITATION
in an Application**

(Use several sheets if necessary)

Applicant

Michal et al.

Filing Date

July 30, 2001

Group Art Unit

1762

U.S. PATENT DOCUMENTS

Examiner Initial	Ref. No.	Document Number	Date of Patent	Name	Class	Subclass	Filing Date if Appropriate
	A1	2,072,303	3/2/37	Herrmann et al.			
	A2	2,386,454	10/9/45	Frosch et al.			
	A3	3,773,737	11/20/73	Goodman et al.			
	A4	3,849,514	11/19/74	Gray, Jr. et al.			
	A5	4,226,243	10/7/80	Shalaby et al.			
	A6	4,329,383	5/11/82	Joh			
	A7	4,343,931	8/10/82	Barrows			
	A8	4,529,792	7/16/85	Barrows			
	A9	4,611,051	9/9/86	Hayes et al.			
	A10	4,656,242	4/7/87	Swan et al.			
	A11	4,733,665	3/29/88	Palmaz			
	A12	4,800,882	1/31/89	Gianturco			
	A13	4,882,168	11/21/89	Casey et al.			
	A14	4,886,062	12/12/89	Wiktor			
	A15	4,931,287	6/5/90	Bae et al.			
	A16	4,941,870	7/17/90	Okada et al.			
	A17	4,977,901	12/18/90	Ofstead			
	A18	5,019,096	5/28/91	Fox, Jr. et al.			
	A19	5,100,992	3/31/92	Cohn et al.			
	A20	5,112,457	5/12/92	Marchant			
	A21	5,133,742	7/28/92	Pinchuk			
	A22	5,163,952	11/17/92	Froix			
	A23	5,165,919	11/24/92	Sasaki et al.			
	A24	5,219,980	6/15/93	Swidler			
	A25	5,258,020	11/2/93	Froix			

A26	5,272,012	12/21/93	Opolski			
A27	5,292,516	3/8/94	Viegas et al.			
A28	5,298,260	3/29/94	Viegas et al.			
A29	5,300,295	4/5/94	Viegas et al.			
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A32	5,328,471	7/12/94	Slepian			
A33	5,330,768	7/19/94	Park et al.			
A34	5,380,299	1/10/95	Fearnot et al.			
A35	5,417,981	5/23/95	Endo et al.			
A36	5,447,724	9/5/95	Helmus et al.			
A37	5,455,040	10/3/95	Marchant			
A38	5,462,990	10/31/95	Hubbell et al.			
A39	5,464,650	11/7/95	Berg et al.			
A40	5,485,496	1/16/96	Lee et al.			
A41	5,516,881	5/14/96	Lee et al.			
A42	5,569,463	10/29/96	Helmus et al.			
A43	5,578,073	11/26/96	Haimovich et al.			
A44	5,584,877	12/17/96	Miyake et al.			
A45	5,605,696	2/25/97	Eury et al.			
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A48	5,610,241	3/11/97	Lee et al.			
A49	5,616,338	4/1/97	Fox, Jr. et al.			
A50	5,624,411	4/29/97	Tuch			
A51	5,628,730	5/13/97	Shapland et al.			
A52	5,644,020	7/1/97	Timmermann et al.			
A53	5,649,977	7/22/97	Campbell			
A54	5,658,995	8/19/97	Kohn et al.			
A55	5,667,767	9/16/97	Greff et al.			
A56	5,670,558	9/23/97	Onishi et al.			
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A59	5,700,286	12/23/97	Tartaglia et al.			
A60	5,702,754	12/30/97	Zhong			
A61	5,711,958	1/27/98	Cohn et al.			
A62	5,716,981	2/10/98	Hunter et al.			
A63	5,721,131	2/24/98	Rudolph et al.			
A64	5,723,219	3/3/98	Kolluri et al.			
A65	5,735,897	4/7/98	Buirge			
A66	5,746,998	5/5/98	Torchilin et al.			
A67	5,759,205	6/2/98	Valentini			
A68	5,776,184	7/7/98	Tuch			
A69	5,783,657	7/21/98	Pavlin et al.			
A70	5,788,979	8/4/98	Alt et al.			
A71	5,800,392	9/1/98	Racchini			
A72	5,820,917	10/13/98	Tuch			
A73	5,824,048	10/20/98	Tuch			
A74	5,824,049	10/20/98	Ragheb et al.			
A75	5,830,178	11/3/98	Jones et al.			
A76	5,837,008	11/17/98	Berg et al.			
A77	5,837,313	11/17/98	Ding et al.			
A78	5,849,859	12/15/98	Acemoglu			
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A80	5,854,376	12/29/98	Higashi			
A81	5,857,998	1/12/99	Barry			
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A85	5,873,904	2/23/99	Ragheb et al.			
A86	5,876,433	3/2/99	Lunn			
A87	5,877,224	3/2/99	Brocchini et al.			
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A89	5,902,875	5/11/99	Roby et al.			

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A94	5,925,720	7/20/99	Kataoka et al.			
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A96	5,955,509	9/21/99	Webber et al.			
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A99	5,971,954	10/26/99	Conway et al.			
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A102	5,997,517	12/7/99	Whitbourne			
A103	6,010,530	1/4/00	Goicoechea			
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A108	6,042,875	3/28/00	Ding et al.			
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A112	6,056,993	5/2/00	Leidner et al.			
A113	6,060,451	5/9/00	DiMaio et al.			
A114	6,060,518	5/9/00	Kabanov et al.			
A115	6,080,488	6/27/00	Hostettler et al.			
A116	6,096,070	8/1/00	Ragheb et al.			
A117	6,099,562	8/8/00	Ding et al.			
A118	6,110,188	8/29/00	Narciso, Jr.			
A119	6,110,483	8/29/00	Whitbourne et al.			
A120	6,113,629	9/5/00	Ken			
A121	6,120,491	9/19/00	Kohn et al.			

A122	6,120,536	9/19/00	Ding et al.			
A123	6,120,788	9/19/00	Barrows			
A124	6,120,904	9/19/00	Hostettler et al.			
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A126	6,129,761	10/10/00	Hubbell			
A127	6,136,333	10/24/00	Cohn et al.			
A128	6,143,354	11/7/00	Koulik et al.			
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A130	6,159,978	12/12/00	Myers et al.			
A131	6,165,212	12/26/00	Dereume et al.			
A132	6,172,167	1/9/01	Stapert et al.			
A133	6,177,523	1/23/01	Reich et al.			
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A135	6,203,551	3/20/01	Wu			
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A137	6,214,901	4/10/01	Chudzik et al.			
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A139	6,240,616	6/5/01	Yan			
A140	6,245,753	6/12/01	Byun et al.			
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A143	6,251,136	6/26/01	Guruwaiya et al.			
A144	6,254,632	7/3/01	Wu et al.			
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A147	6,262,034	7/17/01	Mathiowitz et al.			
A148	6,270,788	8/7/01	Koulik et al.			
A149	6,277,449	8/21/01	Kolluri et al.			
A150	6,283,947	9/4/01	Mirzaee			
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A153	6,287,628	9/11/01	Hossainy et al.			
A154	6,299,604	10/9/01	Ragheb et al.			
A155	6,306,176	10/23/01	Whitbourne			
A156	6,331,313	12/18/01	Wong et al.			
A157	6,335,029	1/1/02	Kamath et al.			
A158	6,344,035	2/5/02	Chudzik et al.			
A159	6,346,110	2/12/02	Wu			
A160	6,358,556	3/19/02	Ding et al.			
A161	6,379,381	4/30/02	Hossainy et al.			
A162	6,387,379	5/14/02	Goldberg et al.			
A163	6,395,326	5/28/02	Castro et al.			
A164	6,419,692	7/16/02	Yang et al.			
A165	6,451,373	9/17/02	Hossainy et al.			
A166	6,482,834	11/19/02	Spada et al.			
A167	6,494,862	12/17/02	Ray et al.			
A168	6,503,538	1/7/03	Chu et al.			
A169	6,503,556	1/7/03	Harish et al.			
A170	6,503,954	1/7/03	Bhat et al.			
A171	6,506,437	1/14/03	Harish et al.			
A172	6,524,347	2/25/03	Myers et al.			
A173	6,527,801	3/4/03	Dutta			
A174	6,527,863	3/4/03	Pacetti et al.			
A175	6,528,526	3/4/03	Myers et al.			
A176	6,530,950	3/11/03	Alvarado et al.			
A177	6,530,951	3/11/03	Bates et al.			
A178	6,540,776	4/1/03	Sanders Millare et al.			
A179	6,544,223	4/8/03	Kokish			
A180	6,544,543	4/8/03	Mandrusov et al.			
A181	6,544,582	4/8/03	Yoe			
A182	6,555,157	4/29/03	Hossainy			
A183	6,558,733	5/6/03	Hossainy et al.			

	A184	6,565,659	5/20/03	Pacetti et al.			6/28/01
	A185	6,572,644	6/3/03	Moein			6/27/01
	A186	6,585,755	7/1/03	Jackson et al.			6/29/01
	A187	6,585,765	7/1/03	Hossainy et al.			6/29/00
	A188	6,585,926	7/1/03	Mirzaee			8/31/00
	A189	6,605,154	8/12/03	Villareal			5/31/01
	A190	6,623,448	9/23/03	Slater			3/30/01
	A191	6,625,486	9/23/03	Lundkvist et al.			4/11/01
	A192	6,645,135	11/11/03	Bhat			3/30/01
	A193	6,645,195	11/11/03	Bhat et al.			1/5/01
	A194	6,656,216	12/2/03	Hossainy et al.			6/29/01
	A195	6,656,506	12/2/03	Wu et al.			5/09/01
	A196	6,660,034	12/9/03	Mandrusov et al.			4/30/01
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